	Application Number		10685867		
	Filing Date		2003-10-14		
INFORMATION DISCLOSURE	First Named Inventor	Horst	Haussecker		
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		2624		
(Trot for Submission ander or of it 1.00)	Examiner Name	B. Q.	Le		
	Attorney Docket Numb	er	21058/1206449-US1		

U.S.PATENTS							Remove	
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Releva		Lines where es or Relevant
BL	1	5621210		1997-04-15	Lindsay			
	2	5840862		1998-11-24	Bensimon et al.			
	3	5949070		1999-09-07	Gamble			
	4	6357285		2002-03-19	Allen			
BL	5	5612181		1997-03-18	Fourmentin-Guilbert et al.			
If you wish	n to ac	ld additional U.S. Paten	t citatio	n information pl	ease click the Add button.		Add	
······		***	U.S.P.	ATENT APPLIC	CATION PUBLICATIONS		Remove	
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Releva		Lines where es or Relevant
	1							
If you wish	to ad	ld additional U.S. Publis	hed Ap	plication citation	n information please click the Add	button.	Add	
				FOREIGN PAT	ENT DOCUMENTS		Remove	

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

( Not for submission under 37 CFR 1.99)

Application Number		10685867	
Filing Date		2003-10-14	
First Named Inventor	Horst	Haussecker	
Art Unit		2624	
Examiner Name B. Q.		Le	
Attorney Docket Number		21058/1206449-US1	

Examiner Initial*	Cite No	Fore Num	ign Document ber³	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T5
1 BL	1	0404	682	EP	:	1990-12-27	Fourmentin Guilbert Jean Ernes		×
2 B L	2	0732	584	EP		1996-09-18	Ibm		
3 BL	3	0161	330	wo		2001-08-23	Yeda Res & Dev et al.		
If you wish to add additional Foreign Patent Document citation information please click the Add button Add							L		
				NON-PATEN	IT LITE	RATURE DO	CUMENTS	Remove	
Examiner Initials*	Cite No	(boo	de name of the a k, magazine, joun sher, city and/or o	nal, serial, symp	osium, 🛚	catalog, etc), c	the article (when appropi date, pages(s), volume-is	riate), title of the item sue number(s),	<b>T</b> 5
62	1	Epita: p.403	xial growth of coppe 3-414. 1996.	er phthalocyanine	monolay	vers on Ag(111).	. J.Y. Grand et al. Surface S	Science. Volume 366.	
BL	2	Europ	pean Office Action oper 03809156.7	dated November 2	1, 2006,	issued in conne	ection to corresponding Eur	opean Application	
If you wish	n to ac	ld add	ditional non-paten	t literature docur	nent cit	ation informati	on please click the Add t	outton Add	-
				EX	AMINE	R SIGNATUR	E		
Examiner	Signa	ture		Poule			Date Considered	06/15/07	
*EXAMINI citation if	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								
<sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="https://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.									

FEB 16 2000 B

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

- 2" }

(Use as many she ets as necessary)

Sheet 1 of 3

Complete if Known					
Application Number	10/685,867	_			
Filing Date	October 14, 2003	_			
First Named Inventor	Horst HAUSSECKER	_			
Art Unit	2624	_			
Examiner Name	B. Q. Le	_			
Attorney Docket Number	070702008320				

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code <sup>2</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
DL	1.	4,683,195	07-1987	MULLIS			
81	2.	4,683,202	07-1987	MULLIS			
BL	3.	4,800,159	01-1989	MULLIS			
вı	4.	5,405,766	04-1995	KALLURY			
BL	5.	5,603,872	02-1997	MARGALIT			
BL	6.	5,610,287	03-1997	NIKIFOROV			
BL	7.	5,621,210	04-1997	LINDSAY			
·BL	8.	5,776,674	07-1998	ULMER			
	9.	5,840,862	11-1998	BENSIMON et al.			
BL	10.	5,986,076	11-1999	ROTHSCHILD			
BL	11.	6,013,456	01-2000	KHAVAN-TAFTI			
βL	12.	6,054,327	04-2000	BENSIMON et al.			
		6,054,495	04-2000	MARKOWITZ			
	14.	6,127,120	10-2000	GRAHAM et al.			
		6,149,868	11-2000	NATAN et al.			
		6,187,823	02-2001	HADDON			
		6,225,055	05-2001	BENSIMON et al.			
		6,225,068		WOLFRUM			
		6,248,537	06-2001	BENSIMON			
<u> </u>		6,258,401	07-2001	CROWLEY			
			07-2001	BENSIMON et al.			
				JIN			
			10-2001	BENSIMON et al.			
			02-2002	BENSIMON et al.			
BL:	25.	6,358,375		SCHWOB			

<u> </u>	,	FOREI	GN PATENT	DOCUMENTS		
Examiner Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines.	Г	
Initials*	als* No.1 Country Code3-Number4-Kind Code5 (if known	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	To	
BL	26.	EP-0-404-682-A	12-27-1990	FOURMENTIN-GUILBERT	Translation of Abstract	
BL	27.	EP-0732-584-A	09-18-1996	INTERNATIONAL BUSINESS MACHINES CORP		
BU	28.	WO 01/61330	08-23-2001	YEDA RESEARCH AND DEVELOPMENT CO. LTD.		7

"EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional). Is see Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Inter Office that issued the document, by the two-letter code (WPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Mind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

		·	
Examiner	R	Date	0.4
Signature	(VV)		06/13/2007
va- 193739	1 4740	Considered	40/ / J/ 200 C
Va- 133/3:			

	athus for form 6440/00	Substitute for form 1449/PTO		Complete if Known			
Sur	· · · · · · · · · · · · · · · · · · ·	10		Application Number	10/685,867		
i ir	NFORMATIO	ON DISC	CLOSURE	Filing Date	October 14, 2003		
	TATEMEN	_		First Named Inventor	Horst HAUSSECKER		
				Art Unit	2624		
	(Use as many	she ets as nec	ess ary)	Examiner Name	B. Q. Le		
Sheet	2	of	3	Attomey Docket Number	070702008320		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author ( in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
BC	29.	Grand et al. (1996). "Expitaxial Growth of Copper Phtalocyanin Monolayers on Ag(111)," Surface Science 366(3):403-414	
	30.	Berger & Kimmel, <u>Guide to Molecular Cloning Techniques</u> Academic Press, New York, NY. 1987	
	31.	Sambrook, et al, <u>Molecular Cloning: A Laboratory Manual</u> 2 <sup>nd</sup> Ed. Cold Spring Harbor Press, Cold Spring Harbor, NY. 1989	
	32.	Protein Purification (1987). Scopes ed.; Springer-Verlag, New York, NY	
	33.	Methods in Molecular Biology; Protein Purification Protocols Vol 59 (1996). Doonan ed.; Humana Press, Totowa, NJ	
	34.	Creighton (1984). <u>Proteins: Structures and Molecular Properties</u> Ch. 5.; W.H. Freeman ed.; New York, NY	
	35.	Ramachandran et al. (1968). Adv. Protein Chem. 23:283-437	
	36.	Lee and Meisel, (1982): "Adsorption and Surface-Enhanced raman of Dyes on Silver and Gold Coils," <i>J. Phys. Chem.</i> 86:3391-3395	
	37.	Feldheim, "Assembly of metal nanoparticle arrays using molecular bridges," The Electrochemical Society Interface, Fall, 2001, pp. 22-25.	
	38.	Parker et al. (1991). "High Yield Synthesis, Separation, and Mass-Spectrometric Characterization of Fullerenes C <sub>60</sub> to C <sub>266</sub> ," J.A. Chem. Soc. 113:7499-7503	
	39.	Schoenfeld et al. (1995). Proc. 7 <sup>th</sup> , 1 <sup>st</sup> int. Conf. on Modulated Semiconductor Structures, Madrid, 605-608	
	40.	Maivald et al. (1991). "Using Force Modulation to Image Surface Elasticities with the Atomic Force Microscope," Nanotechnology 2:103	
	41.	Chou & Fasman (1978). Adv. Enzymol. 47:45-148	
	42.	Bensimon, et al. (1995). "Stretching DNA with a Receding Meniscus: Experiments and Models," <i>Physical Review Letters</i> 74(23):4754-4757	
	43.	Michalet et al. (1997). "Dynamic Molecular Combing: Stretching the Whole Human Genome for High-Resolution Studies," <i>Science</i> 277:1518-1523	
	44.	Herrick et al. (2000). "Ouantifying Single Genre Copy Number by Measuring Fluorescent Probe Lengths on Combed Genomic DNA," PNAS 97(1):222-227	
	45.	Kotler et al. (1993). "DNA Sequencing: Modular Primers Assembled from a Library of Hexamers or Pentamers," <i>Proc. Natl. Acad. Sci.</i> 90:4241-4245	
	46.	Kaczorowski et al. (1996) "Co-Operativity of Hexamer Litigation," Gene 179:189-193	
	47.	Holmstrom et al. (1993). "A Highly Sensitive and Fast Nonradioactive Method for Detection of Polymerase Chain Reaction Products," <i>Anal. Biochem.</i> 209:278-283	
BL	48.	Running et al. (1990). "A Procedure for Productive Coupling of Synthetic	

Examiner Signature	Bule	Date Considered	88/13/67
va- 193739			<del></del>

ALTERNATIVE TO PTO/SB/08A/B (09/08)

Complete if Known Substitute for form 1449/PTO 10/685,867 Application Number Filing Date **INFORMATION DISCLOSURE** October 14, 2003 First Named Inventor Horst HAUSSECKER STATEMENT BY APPLICANT Art Unit 2624 (Use as many she ets as necessary) Examiner Name B. Q. Le Sheet 3 3 070702008320 of Attorney Oocket Number

BL		Oligonucleotides to Polystyrene Microtiter Wells for Hybridization Capture," BioTechniques 8(3):276-277	,
	49.	Newton et al. (1993). "The Production of PCR Products with 5' Single-Stranded Tails Using Primers That Incorporate Novel Phosphoramidite Intermediates," <i>Nucleic Acids Res.</i> 21(5):1155-1162	
	50.	Rasmussen et al. (1991). "Covalent Immobilization of DNA onto Polystyrene Microwells: The Molecules Are Only Bound at the 5' End," <i>Anal. Biochem.</i> 198:138-142	
	51.	Han et al. (2001). Quantun-Dot-Tagged Microbeads for Multiplexed Optical Coding of Biomolecules," <i>Nature Biotech</i> . 19:631-635	
	52.	Cunin et al. (2002). "Biomolecular Screening with Encoded Porous-Silicon Photonic Crystals," Nature Materials 1:39-41	
	53.	Hansma et al. (1996). "DNA Binding to Mica Correlates with Cationic Radius: Assay by Atomic Force Microscopy," <i>Biophys J.</i> 70:1933	
	54.	Lyubchenko et al. (1997). "Visualization of Supercoiled DNA with Atomic Force Microscopy in Situ," PNAS 94:496-501	
	55.	Kasas et al. (1997). "Escherichia coli RNA Polymerase Activity Observed Using Atomic Force Microscopy," Biochemistry 36:461	
BL	56.	Anderson et al. (2000). "Fabrication of Topologically Complex Three-Dimensional Microfluidic Systems in PDMS by Rapid Prototyping," Anal. Chem. 72:3158-3164,	

<sup>&</sup>quot;EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drew line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	A i Va	Date	2/2	
Signature		Considered	08/13	/0 /
va- 193739				

<sup>&#</sup>x27;Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.